A close up of a logo

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MACHINE TOOL TEAM

RENISHAW | 2196 Dunwin dr.

**TRAINING RIG**

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# Preface & Instructions

The following wiring diagrams are for the Renishaw Training Rig.

Each component will either have a graphic with connectors, or a wire that indicates its connection with text at the end of it that follows the nomenclature also labelled on the physical rig.

|  |  |
| --- | --- |
| ***Label Name*** | ***Meaning*** |
| LB24 | Live Blocks 24V |
| NB24 | Neutral Blocks 24V |
| LB12 | Live Blocks 12V |
| NB12 | Neutral Blocks 12V |
| IOTB | I/O (Input/Output) Terminal Blocks |
| LEDTB | LED Terminal Blocks |
| RMITB | Radio Machine Interface Terminal Blocks |
| OMITB | Optical Machine Terminal Blocks |
| NC4TB | Non-Contact 4 Terminal Blocks |
| TSRTB | Tool Setter Terminal Blocks |
| R# | Relay # |
| M# | M-Code/Button/Switch # |
| PLC | Programmable Logic Controller |

A black and white grid with squares and circles

Description automatically generatedThe specific pin # on the terminal block or component can be referenced by the following format and then mapped to its location on the physical rig:

## LB24 . 2 (A)

Label Name Pin # Top/Bottom

Only Use if Terminal Block

A= TOP B= BOTTOM

A circuit board with numbers and wires

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**R4 . A1**

Label Name Pin #